

1    **ABSTRACT OF THE DISCLOSURE**

2           A battery adapter has a hollow body having a conducting pole provided  
3   at a closed end, and a first coupling part formed at an open end. A bottom cover  
4   has a second coupling part formed at an upper end and engaged with the first  
5   coupling part. A seat is formed in the bottom cover, and a hole is defined through  
6   the seat. A conducting member, with a U-like cross section, is provided under the  
7   seat and exposed from a bottom end of the bottom cover. Therefore, received in  
8   the adapter, a small size battery can be used as a large size battery.